

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/007758

A. CLASSIFICATION OF SUBJECT MATTER

C12N1/21 C12N5/10 C12N15/77 C07K14/34 C12P13/08
C12P13/12 C12P13/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C12N C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data, EMBL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 108 790 A (KYOWA HAKKO KOGYO CO., LTD) 20 June 2001 (2001-06-20)	5-7
Y	SEQ ID NO: 7066	1-4, 8-48
X	-& DATABASE EMBL 26 September 2001 (2001-09-26), XP002353174 Database accession no. AAH68531 abstract	5-7
Y	WO 02/40679 A (RAYAPATI, P. JOHN; CRAFTON, COREY, M; ARCHER-DANIELS-MIDLAND COMPANY) 23 May 2002 (2002-05-23) cited in the application page 5, line 19 - page 6, line 11 ----- -/-	1-48



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

9 November 2005

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20/12/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 03/040373 A (DEGUSSA AG; BATHE, BRIGITTE; KREUTZER, CAROLINE; MOECKEL, BETTINA; THI) 15 May 2003 (2003-05-15) page 14, lines 20-24 page 27, lines 18-26 tables 3,5,7,9	1-48
Y	KRONEMEYER W ET AL: "STRUCTURE OF THE GLUABCD CLUSTER ENCODING THE GLUTAMATE UPTAKE SYSTEM OF CORYNEBACTERIUM GLUTAMICUM" JOURNAL OF BACTERIOLOGY, WASHINGTON, DC, US, vol. 177, no. 5, March 1995 (1995-03), pages 1152-1158, XP002935147 ISSN: 0021-9193 figure 2	1-48
Y	SCHAEFER A ET AL: "SMALL MOBILIZABLE MULTI-PURPOSE CLONING VECTORS DERIVED FROM THE ESCHERICHIA COLI PLASMIDS PK18 AND PK19: SELECTION OF DEFINED DELETIONS IN THE CHROMOSOME OF CORYNEBACTERIUM GLUTAMICUM" GENE, ELSEVIER, AMSTERDAM, NL, vol. 145, no. 145, 1994, pages 69-73, XP001093898 ISSN: 0378-1119 page 72, left-hand column, paragraph 2 - right-hand column, paragraph 2; figure 2	1-48
P,X	DATABASE EMBL 4 December 2004 (2004-12-04), XP002353173 Database accession no. AY513596 abstract	4-7
P,X	PARK SOO-DONG ET AL: "Isolation and characterization of transcriptional elements from Corynebacterium glutamicum" JOURNAL OF MICROBIOLOGY AND BIOTECHNOLOGY, vol. 14, no. 4, August 2004 (2004-08), pages 789-795, XP009056160 ISSN: 1017-7825 figures 1,2	1-48

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/007758

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 1108790	A	20-06-2001	US	2002197605 A1	26-12-2002
WO 0240679	A	23-05-2002	AU	3043102 A	27-05-2002
WO 03040373	A	15-05-2003	BR	0211723 A	21-09-2004
			CA	2455878 A1	15-05-2003
			CN	1539015 A	20-10-2004
			EP	1414970 A2	06-05-2004